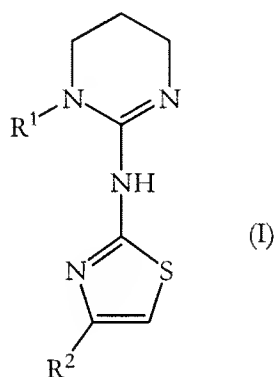


# AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all previous listings, and versions, of claims in the application.

## Listing of Claims:

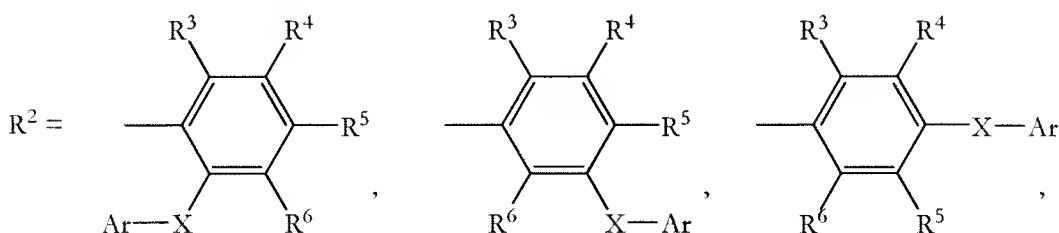
1. (Currently Amended) A pharmaceutical, antimycotically active nail lacquer for the treatment or prophylaxis of fungal infections of nails and skin, comprising an optionally substituted 2-aminothiazole of formula (I)



wherein

R<sup>1</sup> represents hydrogen or alkyl, and

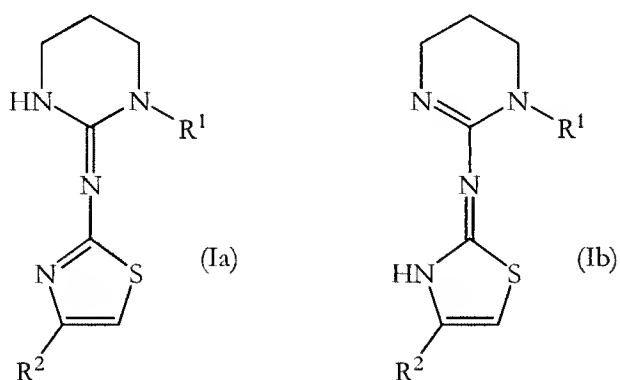
R<sup>2</sup> represents a substituent of the formula



wherein

R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> independently from each other represent hydrogen, halogen, nitro, alkyl, alkoxy, alkoxy-carbonyl, dialkylamino, alkylthio, alkylsulphinyl, alkylsulphonyl, halogenoalkyl, halogenoalkoxy, halogenoalkylthio, halogenoalkylsulphinyl or halogenoalkylsulphonyl,

X represents oxygen, sulphur, sulphinyl or sulphonyl, and  
 Ar represents an optionally substituted aryl moiety, and  
 their physiologically acceptable acid addition salts,  
 wherein the compounds of formula (I) are in equilibrium with the tautomeric compounds of  
 formulae (Ia) and (Ib)



wherein R<sup>1</sup> and R<sup>2</sup> in each case have the abovementioned meanings; the nail lacquer further comprising:

a permeation enhancer;

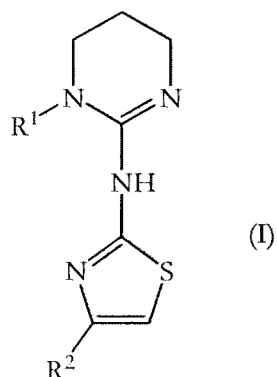
a polymeric film-forming agent;

a volatile solvent; and

a plasticizer,

such that the nail lacquer, when applied to a nail, forms an adhered, waterproof film from which the optionally substituted 2-aminothiazole of formula (I) is released so as to penetrate the nail.

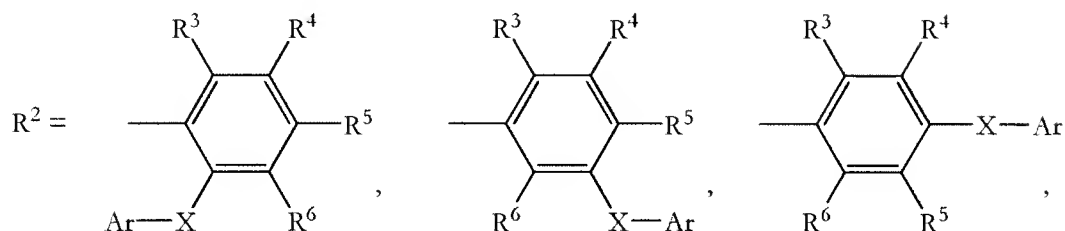
2. (Currently Amended) A pharmaceutical, antimycotically active nail lacquer for the treatment or prophylaxis of fungal infections of nails and skin, comprising an optionally substituted 2-aminothiazole of formula (I)



wherein

$R^1$  represents hydrogen or alkyl, and

$R^2$  represents a substituent of the formula



wherein

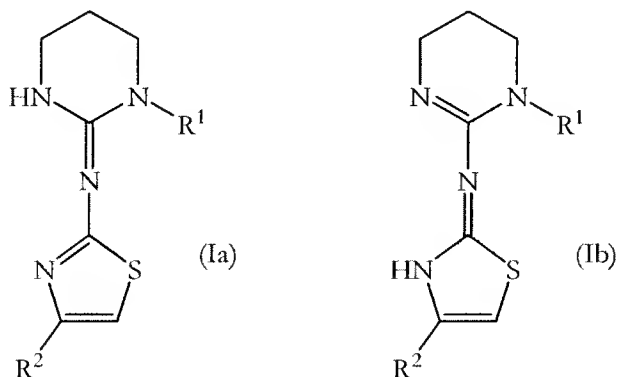
$R^3$ ,  $R^4$ ,  $R^5$  and  $R^6$  independently from each other represent hydrogen, halogen, nitro, alkyl, alkoxy, alkoxy-carbonyl, dialkylamino, alkylthio, alkylsulphinyl, alkylsulphonyl, halogenoalkyl, halogenoalkoxy, halogenoalkylthio, halogenoalkylsulphinyl or halogenoalkylsulphonyl,

X represents oxygen, and

Ar represents an optionally substituted aryl moiety, and

their physiologically acceptable acid addition salts,

wherein the compounds of formula (I) are in equilibrium with the tautomeric compounds of formulae (Ia) and (Ib)



wherein  $R^1$  and  $R^2$  in each case have the abovementioned meanings; the nail lacquer further comprising:

a permeation enhancer;

a polymeric film-forming agent;

a volatile solvent; and

a plasticizer,

such that the nail lacquer, when applied to a nail, forms an adhered, waterproof film from which the optionally substituted 2-aminothiazole of formula (I) is released so as to penetrate the nail.

3. (Canceled)

4. (Currently Amended) A pharmaceutical, antimycotically active nail lacquer according to ~~claim 3~~ claim 1 or claim 2, wherein the permeation enhancer is hyaluronate lyase.

5. (Canceled)

6. (Currently Amended) A pharmaceutical, antimycotically active nail lacquer according to ~~claim 5~~ claim 1 or claim 2, characterized in that the film-forming agent belongs to the group of water-insoluble acrylate polymers or methacrylate polymers and comprises a copolymer that belongs to the compound class of alkylvinylethers, maleic acid anhydride, alkylated poly(vinylpyrrolidones) and ammonium methacrylates.

7. (Canceled)

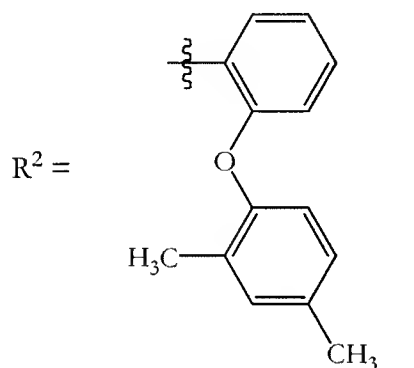
8. (Canceled)

9. (Currently Amended) A pharmaceutical, antimycotically active nail lacquer according to ~~claim 8~~ claim 1 or claim 2, characterized in that it comprises as a solvent ethanol, ethyl acetate, butyl acetate, isopropanol, acetone, methyl ethyl ketone, triacetin, tripropionin, diethylene glycol monoethyl ether, isopropyl acetate, or a mixture of two or more of said solvents.

10. (Previously Presented) A pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2, comprising

- from 0.1 to 20% antimycotic agent,
- from 0.5 to 35% permeation enhancer,
- from 0.5 to 40% film-forming polymer,
- from 5 to 80% volatile solvent, and
- from 1.0 to 10% plasticizer.

11. (Previously Presented) A pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2, wherein  $R^1$  represents hydrogen and  $R^2$  represents a substituent of the formula



12. (Previously Presented) A method for the treatment of fungal infections, in which a pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2 is applied to infected nails.

13. (Previously Presented) A method for the prophylaxis of fungal infections, in which a pharmaceutical, antimycotically active nail lacquer according to claim 1 or 2 is applied to nails of subjects who are in danger of being affected by a nail fungal infection.

14. (New) A pharmaceutical, antimycotically active nail lacquer according to claim 11, wherein the permeation enhancer comprises oxacyclohexadecan-2-one;  
wherein the film-forming agent comprises an amine or quaternary ammonium group-containing acrylic acid copolymer;

wherein the volatile solvent comprises ethanol; and  
wherein the plasticizer comprises propylene glycol.

15. (New) A pharmaceutical, antimycotically active nail lacquer according to claim 15, wherein the 2-aminothiazole is present in an amount of 2 wt.%, the oxacyclohexadecan-2-one is present in an amount of 15wt.%, the amine or quaternary ammonium group-containing acrylic acid copolymer is present in an amount of 15wt.%, and the propylene glycol is present in an amount of 5wt.%, the ethanol is present in an amount of 60wt.%, and further comprising water in an amount of 3wt.%.